scanning all frequency channels.

6. (Amended) The high-speed roaming method of a wireless LAN according to claim 1, wherein

said mobile terminal is connected to said access point having a best communication situation, by scanning all connectable access points out of said access points provided in the network at a rising time.

Please add the following new claims:

—7. (New) The high speed roaming method of a wireless LAN according to claim 2, wherein when said mobile terminal is connected to said access point having a best radio situation, said mobile terminal is connected subsequently to said access point having a second best radio situation.—

—8. (New) The high speed roaming method of a wireless LAN according to claim 3, wherein when said mobile terminal is connected to said access point having a best radio situation, said mobile terminal is connected subsequently to said access point having a second best radio situation.—

—9. (New) The high-speed roaming method of a wireless LAN according to claim 2, wherein when said mobile terminal is not connected to all neighboring access points, said mobile terminal is connected to said access point having a good communication situation by scanning all frequency channels.

—10. (New) The high-speed roaming method of a wireless LAN according to claim 3, wherein

when said mobile terminal is not connected to all neighboring access points, said

mobile terminal is connected to said access point having a good communication situation by

scanning all frequency channels.—

—11. (New) The high-speed roaming method of a wireless LAN according to claim 4, wherein

when said mobile terminal is not connected to all neighboring access points, said

mobile terminal is connected to said access point having a good communication situation by

scanning all frequency channels.—

—12. (New) The high-speed roaming method of a wireless LAN according to claim 2, wherein

said mobile terminal is connected to said access point having a best communication

situation, by scanning all connectable access points out of said access points provided in the

network at a rising time.—

—13. (New) The high-speed roaming method of a wireless LAN according to claim 3, wherein

said mobile terminal is connected to said access point having a best communication

situation, by scanning all connectable access points out of said access points provided in the

network at a rising time.—

—14. (New) The high-speed roaming method of a wireless LAN according to claim 4, wherein

said mobile terminal is connected to said access point having a best communication

situation, by scanning all connectable access points out of said access points provided in the

network at a rising time.—

15. (New) The high-speed roaming method of a wireless LAN according to claim 5, wherein said mobile terminal is connected to said access point having a best communication situation, by scanning all connectable access points out of said access points provided in the network at a rising time.—

16. (New) The high-speed roaming method of a wireless LAN according to claim 7, wherein said mobile terminal is connected to said access point having a best communication situation, by scanning all connectable access points out of said access points provided in the network at a rising time.—

17. (New) The high-speed roaming method of a wireless LAN according to claim 8, wherein said mobile terminal is connected to said access point having a best communication situation, by scanning all connectable access points out of said access points provided in the network at a rising time.—

18. (New) The high-speed roaming method of a wireless LAN according to claim 9, wherein said mobile terminal is connected to said access point having a best communication situation, by scanning all connectable access points out of said access points provided in the network at a rising time.—

19. (New) The high-speed roaming method of a wireless LAN according to claim 10,

wherein

    said mobile terminal is connected to said access point having a best communication

situation, by scanning all connectable access points out of said access points provided in the

network at a rising time.—

—20. (New) The high-speed roaming method of a wireless LAN according to claim 11,

wherein

    said mobile terminal is connected to said access point having a best communication

situation, by scanning all connectable access points out of said access points provided in the

network at a rising time.—